

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : MATSUSHITA ELECTRIC IND CO
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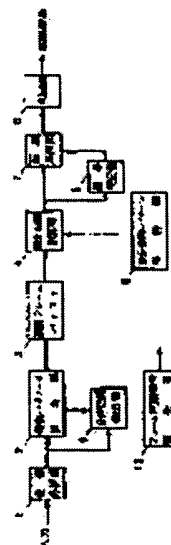
(72)Inventor : FUTAYADA KATSUYUKI
HOSHIMI MASAKATSU
HIRAOKA SEIJI
KIMURA TATSUYA

(54) VOICE RECOGNIZING METHOD

(57)Abstract:

PURPOSE: To obtain a high recognition rate by a simple calculating means and to secure an excellent recognition rate even when an ambient noise is mixed.

CONSTITUTION: A partial distance calculation part 4 finds partial distances between an input vector formed of plural frames on a multiframe buffer 3 and partial standard patterns of a voice to be recognized on a statistical distance scale based upon posterior probability and while input frames are shifted, the partial distances are accumulated over the whole voice to employ the name of the voice having the minimum accumulated distance as a recognition result. The partial standard patterns are generated in partial section units by arranging the time length of the voices that many speakers speak and dividing it into the partial sections. Further, when not only the voice, but also the ambient noise is regarded as an input signal, only the part of the voice in the input signal can be spotted and recognized.



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